

## SEQUENCE LISTING

<110> Volkin, David B.
Evans, Robert K.
Ulmer, Jeffrey B.
Caulfield, Michael J.
<120> POLYNUCLEOTIDE VACCINE FORMULATIONS

<130> 19907YIACB

<140> 10/764,921

<141> 2004-01-26

<150> 09/950,844

<151> 2001-09-12

<150> 09/112,655

<151> 1998-07-09

<150> 09/023,834

<151> 1998-02-13

<150> 60/038,194

<151> 1997-02-14

<160> 14

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 1

ctatataagc agagctcgtt tag

23

<210> 2

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 2

gtagcaaaga tctaaggacg gtgactgcag

30

<210> 3

## 19907YIACB

```
<211> 39
<212> DNA
<213> Artificial Sequence
<220>
<223> Oligonucleotide
<400> 3
                                                                    39
gtatgtgtct gaaaatgagc gtggagattg ggctcgcac
<210> 4
<211> 39
<212> DNA
<213> Artificial Sequence
<220>
<223> Oligonucleotide
gtgcgagccc aatctccacg ctcattttca gacacatac
                                                                    39
<210> 5
<211> 78
<212> DNA
<213> Artificial Sequence
<220>
<223> Oligonucleotide
<400> 5
gatcaccatg gatgcaatga agagagggct ctgctgttgtg ctgctgctgt gtggagcagt 60
cttcgtttcg cccagcga
<210> 6
<211> 78
<212> DNA
<213> Artificial Sequence
<220>
<223> Oligonucleotide
<400> 6
gatctcgctg ggcgaaacga agactgctcc acacagcagc agcacacagc agagccctct 60
                                                                    78
cttcattgca tccatggt
<210> 7
<211> 33
<212> DNA
<213> Artificial Sequence
<220>
<223> Oligonucleotide
<400> 7
```

## 19907YIACB

ggtacaaata ttggctattg gccattgcat acg	33
<210> 8 <211> 36	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 8	2.5
ccacatctcg aggaaccggg tcaattcttc agcacc	36
<210> 9	
<211> 38 <212> DNA	
<212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide	
<223> Oligonacieotide	
<400> 9	
ggtacagata tcggaaagcc acgttgtgtc tcaaaatc	38
<210> 10	
<211> 36	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 10	
cacatggatc cgtaatgctc tgccagtgtt acaacc	36
<210> 11	
<211> 39	
<212> DNA <213> Artificial Sequence	
	,
<220>	
<223> Oligonucleotide	
<400> 11	
ggtacatgat cacgtagaaa agatcaaagg atcttcttg	39
<210> 12	
<211> 35	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 12	

35 ccacatgtcg acccgtaaaa aggccgcgtt gctgg <210> 13 <211> 9 <212> PRT <213> Artificial Sequence <220> <223> peptide <400> 13 Thr Tyr Gln Arg Thr Arg Ala Leu Val 5 <210> 14 <211> 12 <212> PRT <213> Artificial Sequence <220> <223> peptide <400> 14 Ile Pro Gln Ser Leu Asp Ser Trp Trp Tyr Ser Leu 1